

CASPER COLLEGE COURSE SYLLABUS

ZOO 2040/2041

Human Anatomy and Human Anatomy Laboratory

Semester/Year: Fall 2015

Lecture Hours: 3

Lab Hours: 3

Credit Hours: 4

Lecture Time:

Days: M W F

Room: PS 103

01 8:00am – 8:50am

02 10:00 am – 10:50 am

Lab Time: A: 7:00 – 9:00 am

Days: T

Room: LS 104

B: 9:00 - 11:00 am

C: 11:00 – 1:00 pm

D: 1:00 - 3:00 pm

E: 3:00 - 5:00 pm

F: 5:00 - 7:00 pm

Recitation- 9:00 to 10:00 am

2:00 to 2:30 pm

Students are required to attend one 30
minute recitation session per week on
MWF

Instructor's Name: Dr. Scott M. Johnson OTD., OT, ATP, CEAS

Instructor's Contact Information: **Office Phone:** 268-2001 **Email:** sjohnson@caspercollege.edu

Office location: LS 208

Office Hours: MWF 7:00 – 8:00 AM; MW 11:00 – 12:00 Noon

Other times available by appointment

Course Description:

Zoo 2040/2041 is the study of human structure from a microscopic and a macroscopic perspective. It is designed to provide a foundation for students who are pursuing health related careers as well as professions in which human movement and mechanics are emphasized. In addition to providing a working knowledge of human anatomy, the course provides information necessary for understanding human physiological principles.

Statement of Prerequisites: None

Goal: To present to the student the basic anatomical organization of the human body.

Outcomes:

After the successful completion of this course, the students will be able to describe:

1. The history of human anatomy
2. The levels of organization of the human body & tissue histology
3. The organization of the integument
4. Characteristics and organization of bone tissue
5. Characteristics and organization of the muscular system
6. The organization of the nervous system and the basic function of neural tissue
7. The general organization of the endocrine system
8. The organization and general functions of the sensory organs
9. The organization of the circulatory system
10. The organization of the lymphatic system
11. The organization of the respiratory system
12. The organization of the digestive system
13. The organization of the urinary system
14. The organization of the male and female reproductive systems

Methodology:

This is a lecture/lab course. **You are required to attend both components in order to receive a passing grade in the course.**

Required Text, Readings, and Materials:

Your lecture text is *Human Anatomy*, by McKinley and O'Loughlin 4nd Ed..

Your laboratory handouts are provided by the instructor.

Class Policies:

Last Date to Change to Audit Status or to Withdraw with a W Grade: **Thursday, November 12, 2014**

***Turn Cell Phones Off While In Class And Lab! Cell Phone Use is Considered a DISRUPTION in Both Locations (lecture & lab) of Learning!**

General Information:

As a college student, it is your responsibility to determine whether or not your attendance in this class is required. As an instructor, it is my responsibility to ensure that the optimal learning environment is provided to all students. The following are examples of expected behaviors in any college classroom:

- Attend all class meeting and be on time. If you are late, discreetly enter the classroom through the rear doors.
- Listen to questions/statements made by your fellow classmates; these may enhance your understanding of the material.
- Expect to receive pertinent course materials/handouts during the designated course times. If you are unable to obtain these materials at these times, it becomes your responsibility to obtain them from a fellow classmate, or from the instructor, during his office hours. Don't expect late, partially completed or illegible work to be graded.
- Always exercise your right to ask questions. There is absolutely no such thing as a "stupid question" and your instructor is not beyond being able to learn from you. Be active in your learning.

Comments:

I am aware that the subject of human anatomy can be intense and sometimes overwhelming. Therefore, I encourage and strongly suggest that you keep up with the material and NEVER hesitate to ask questions. If I cannot answer a question for you directly, I will find a resource that can. It is my hope that the presentation of material in this class will be such that (1) you gain a better understanding of how the human body is put together; (2) you can apply this information in a meaningful way to your lives; and (3) you are interested and have fun. I will expect you to work hard, but only because I believe the self-satisfaction that comes from hard work and perseverance will be one of the most excellent rewards you will ever receive.

Evaluation Criteria:

Your progress in this course will be measured in a variety of ways. One of the most important tools you have as a student is your ability to communicate. Thus, you must be able to clearly articulate, verbally and in written form, your understanding of human anatomy. You will be allowed to reference a medical dictionary (provided by the instructor) before turning in examinations. You are encouraged to do so, as improper spelling and grammar could adversely affect your grade. You will be evaluated by 3 criteria: performance on lecture examinations (these may consist of multiple choice, true/false, matching, fill-in-the-blank, and short answer questions), laboratory quizzes and laboratory exams. Laboratory quizzes will be given weekly and will cover

information from the previous laboratory sessions, unless otherwise noted. Laboratory exams will be of a practical nature, involving the identification of labeled anatomical structures. In addition to examinations and quizzes, I will regularly ask questions of the class. Your ability to participate during course meetings will positively affect your grade. You may be given assignments throughout the course that are intended to reinforce information being covered in lecture.

Casper College may collect samples of student work demonstrating achievement of the above outcomes. Any personally identifying information will be removed from student work.

Examination Policy:

There will be **NO MAKE-UP EXAMS** in this course. Exam dates listed on this syllabus are tentative and subject to change. The instructor will notify you at least 2 lecture sessions ahead of time if a change is to be made to the exam schedule. It is your responsibility to check your personal schedule with ALL exam dates and to notify the instructor in advance of the scheduled exam time if there is a conflict. See the Casper College Student Handbook for information on how to handle absences due to illness or death in family.

If a student is more than 30 minutes late for an exam they will be considered absent for that date and will NOT be allowed to complete it, unless a valid excuse is provided (as per Casper College's policy on excused absences).

Because the instructor realizes that we are all human, ALL students will have the option of taking a cumulative exam during finals week and utilizing the score on that exam to replace a low or missed lecture test score from earlier in the semester.

All exams may be reviewed during laboratory sessions. Exam keys will be posted for a limited time outside the instructor's office. In the event that you find an incorrectly scored exam, you must make a written request to change the grade on the exam and hand it back in to the instructor **within 1 week of receiving the graded exam**.

Grades:

Your grade in the course will be assigned based on the percentage of the total points you earn.

6 Lecture Exams 50 points each = 300 points

5 Lab Exams 100 points each = 500 points

Lab Quizzes 10 points each = 100 points

= 900 total points

Additional points may be earned from assignments

90% - 100% = A = 810 points or higher

80% - 89% = B = 720 - 809

70% - 79% = C = 630 - 719

60% - 69% = D = 540 - 629

<60% = F = below 540 points

Student Rights and Responsibilities:

Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command:

If you have any problems with this class, you should first contact the instructor in order to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take your problem through the appropriate chain of command starting with the Biology Department Head (Me, alternate contact is Brandi Atnip), then the Dean of the School of Science (Dr. Grant Wilson), and lastly the vice president for academic affairs (Dr. Shawn Powell).

Academic Dishonesty - Cheating & Plagiarism:

Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to their account regularly.

ADA Accommodations Policy:

It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment to see me at your earliest convenience.

The Instructor reserves the right to change this syllabus at any time, as long as students are properly notified in writing.

Tentative Lecture Schedule by Week

Week starting...		Topics	Reading Assignment
August	24	Syllabus Review & Introduction	
		History of Anatomy	
		Human Body Organization	Chapter 1
August	31	No Class Labor Day	
		Human Body Organization	
		Cytology	
		Cytology	Chapter 2
September	7	No Class Labor Day	
		Histology	
		Histology	Chapter 4
September	14	Histology	
		Exam 1	
		Integumentary System	
			Chapter 5
September	21	Integumentary System	
			Chapter 6
		Skeletal System – Bone	
		Axial Skeleton	Chapter 7
September	28	Axial Skeleton	
		Axial Skeleton	Chapter 8
		Appendicular Skeleton	
October	5	Appendicular Skeleton	Chapter 9
		Appendicular Skeleton/ Arthrology	
		Exam 2	
October	12	Muscular System	
		Muscular System	Chapter 10
		Muscular System	
October	19	Fall Break October 19 and 20	
		Introduction to Nervous System	Chapter 11 & 12
		Nervous System	
October	26	Exam 3	
			Chapter 14

		Nervous System	Chapter 15
		CNS	
November	2	PNS	Chapter 16
		ANS	Chapter 18
		Endocrine System & Sensory Organs	Chapter 19 & 20
		<u>November 6 Advising Day</u>	
November	9	Exam 4 Advising Week	Chapter 22
		Circulatory System	
		Circulatory System	
November	16	Respiratory System	Chapter 23
		Respiratory System	
		Digestive System	
November	23	Digestive System	Chapter 25
		Thanksgiving Holiday	
		Thanksgiving holiday	
November	30	Urinary System	Chapter 26
		Male Reproduction	Chapter 27
		Female Reproduction	Chapter 28
December	7	Exam 5	
		<u>December 14-17 Exam 6 (final) TBA</u>	
Tentative Laboratory Schedule			

Lab Date by Week:		Reading Assignment
August	25	Introduction to Laboratory Cytology & Microscope & Histology Chapter 2 & 4
September	1	Integumentary System & Bone Structure Chapter 5 & 6
September	8	Exam 1
September	15	Skeletal System – Axial & Appendicular Chapter 7 & 8
September	22	Articulations Chapter 9
September	29	Exam 2
October	6	Muscle Tissue & Muscles
October	13	Muscle Tissue & Muscles Chapter 10 - 12
October	20	Fall Break
October	27	Exam 3
November	3	Nervous System, Endocrine Organs, Sensory Organs Chapters 14, 15, 16, 19, and 20
November	10	Circulatory System Chapter 22 & 23
November	17	Exam 4
November	24	Respiratory, Digestive, Urinary and Reproductive Systems Chapter 25 - 28
December	1	Open Lab
December	8	Exam 5

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